

## **REMARKS/ARGUMENTS**

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith, which place the application into condition for allowance. The present amendment is being made to facilitate prosecution of the application.

### **I. STATUS OF THE CLAIMS AND FORMAL MATTERS**

Claims 1-21 are pending in this application. Claims 1, 8, 12 and 19-21 are independent. Claims 1, 7, 8, 12 and 18-21 are hereby amended. No new matter has been added. It is submitted that these claims, as originally presented, were in full compliance with the requirements of 35 U.S.C. §112. Changes to claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicant is entitled.

### **II. SUPPORT FOR AMENDMENT IN SPECIFICATION**

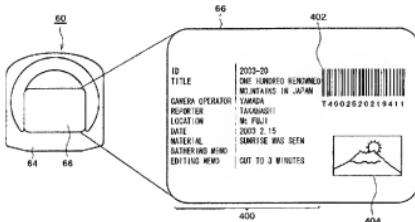
Support for this amendment is provided throughout the Specification as originally filed and specifically at paragraphs [0120], [0130], [0133] and Fig. 8 of Applicant's corresponding published application. By way of example and not limitation:

[0120] The thumbnail image extracting section 148 extracts thumbnail image data from video content data on the basis of the metadata representative of positions (for example, time codes) of typical still images in the video content data. Image data as they are, these thumbnail image data are metadata that are useful in helping understand visually and easily the overview of the video content data recorded to the optical disk 60. Therefore, the metadata extracting section 142 also extracts these thumbnail image data as the above-mentioned display data, for example.

[0130] First, in the example shown in FIG. 8, metadata 400 which are text, a barcode 402, and a thumbnail image 404 are displayed on the metadata display sheet 66 attached to the optical disk 60.

[0133] The thumbnail image 404 typically represents the video content recorded to the optical disk 60. Displaying the thumbnail image 404 on the metadata display sheet 66 visually appeals the content information of the optical disk 60 to the staff taking care thereof. Consequently, the staff taking care of the optical disk 60 can easily and quickly understand the contents of the video content data recording to the optical disk 60 at a glance of the thumbnail image 404.

FIG. 8



### III. RESPONSE TO REJECTIONS UNDER 35 U.S.C. §103(a)

Claims 1, 3-4, 7-8, 10-12, 14, 15, 18 and 21 were rejected under 35 U.S.C.

§103(a) as allegedly unpatentable over U.S. Patent No. 6,833,865 to Fuller et al. (hereinafter, merely “Fuller”) in view of U.S. Patent No. 6,642,959 to Arai et al. (hereinafter, merely “Arai”) in view of U.S. Patent No. 6,476,817 to Harper et al. (hereinafter, merely “Harper”).

Claims 2, 5-6, 9, 13, 16 and 17 were rejected under 35 U.S.C. §103(a) as allegedly unpatentable over Fuller in view of Arai in view of Harper and further in view of U.S. Patent No. 5,745,102 to Bloch et al. (hereinafter, merely “Bloch”).

Claims 19 and 20 were rejected under 35 U.S.C. §103(a) as allegedly unpatentable over Fuller in view of Arai in view of Harper and in view of Bloch and in further view of U.S. Patent No. 6,873,435 to Tehranchi et al. (hereinafter, merely “Tehranchi”).

Claim 1 has been amended to incorporate features of claim 7 and other features as well.

Specifically, claim 1 recites, *inter alia*:

...wherein the information display unit displays, in the information display area, thumbnail image data extracted from said content data on the basis of said metadata. (Emphasis added)

Applicant submits that neither Fuller nor Arai nor Harper, taken alone or in combination, would disclose, suggest or render predictable the above-identified features of claim 1.

1. Specifically, none of the references used as a basis for rejection discloses or renders predictable “wherein the information display unit displays, in the information display area, thumbnail image data extracted from said content data on the basis of said metadata,” as recited in claim 1.

Specifically, the Office Action dated April 11, 2012 (see page 4, paragraph “As to claim 7...”) asserts that Harper discloses wherein said content data include at least video content data and said information display unit displays, in said information display area, thumbnail image data extracted from said video content data on the basis of said metadata, and refers to Harper, col. 5, lines 30-55, which are reproduced as follows:

*Harper, col. 5, lines 30-55:*

Although a floppy disk is shown as the FIG. 1 embodiment of the claimed invention, it will be apparent that the claimed invention can be used with any removable memory media which operates with a computer or other data-processing device. Indeed, a display according to the present invention can be incorporated with an audio or video cassette bearing analog or digital data. FIG. 4 is a perspective view of a VHS-type cassette, generally indicated as 50 (which, as is well known, includes a spool of magnetically-permeable tape therein), with a display 18 of a type described with reference to the floppy disk in FIG. 1. Of course, there is also be provided with such a video or audio cassette means for placing a message on the display as the cassette is released from the recorder, such means being incorporated with a video or audio recorder in the same

manner as shown in FIG. 2 above (such a recorder being considered a "data processing device" for purposes of the claims below). In the case of a video cassette recorder, information about a program being recorded (such as program title and duration) could be gleaned from the teletext integral to television services; if several programs are recorded on one tape, the names of the programs can be listed in the order they appear on the tape. Other, ad-hoc information, such as the position of the tape in the cassette at the time the cassette was ejected, can be determined by a data processing device within the recorder. All this information can be written on the display 18.

Applicant submits that Harper teaches that **program title and duration** could be gleaned from the teletext integral to television services, and **the names of the programs** can be listed in the order they appear on the tape. However, nothing has been found in Harper that teaches **thumbnail image data extracted from said content data** on the basis of said metadata is displayed in the information display area.

However, in the present invention, as shown in Fig. 8, an extracted thumbnail image is displayed on the metadata display sheet attached to the optical disk.

Thus, Harper fails to disclose or render predictable "wherein **the information display unit displays, in the information display area, thumbnail image data extracted from said content data on the basis of said metadata**," as recited in claim 1.

Furthermore, this deficiency of Harper is not cured by the supplemental teaching of Fuller or Arai.

Therefore, Applicant submits that independent claim 1 is patentable and respectfully request reconsideration and withdrawal of the rejection.

For reasons similar to, or somewhat similar to, those described above with regard to independent claim 1, independent claims 8, 12 and 19-21 are also patentable, and Applicant thus respectfully requests reconsideration of the rejections thereto.

#### IV. DEPENDENT CLAIMS

The other claims in this application are each dependent from one of the independent claims discussed above and are therefore believed patentable for at least the same reasons. Applicant hereby respectfully requests reconsideration and withdrawal of rejections thereto. Because each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

#### CONCLUSION

Because Applicant maintains that all claims are allowable for at least the reasons presented hereinabove, in the interests of brevity, this response does not comment on each and every comment made by the Examiner in the Office Action. This should not be taken as acquiescence of the substance of those comments, and Applicant reserves the right to address such comments.

In the event the Examiner disagrees with any of statements appearing above with respect to the disclosure in the cited reference, or references, it is respectfully requested that the Examiner specifically indicate those portions of the reference, or references, providing the basis for a contrary view.

Please charge any additional fees that may be needed, and credit any overpayment, to our Deposit Account No. 50-0320.

In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicant respectfully requests early passage to issue of the present application.

Respectfully submitted,

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